Statement of Basis of the Federal Operating Permit

Lyondell Chemical Company

Site Name: Channelview Plant
Area Name: Lyondell Chemical Channelview Plant
Physical Location: 2 3/4 Miles North of Interstate 10 on Sheldon Road west of San Jacinto River
Nearest City: Channelview
County: Harris

Permit Number: O1387 Project Type: Renewal

The North American Industry Classification System (NAICS) Code: 325199
NAICS Name: All Other Basic Organic Chemical Manufacturing

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document may include the following information:

A description of the facility/area process description;

A basis for applying permit shields;

A list of the federal regulatory applicability determinations;

A table listing the determination of applicable requirements;

A list of the New Source Review Requirements;

The rationale for periodic monitoring methods selected;

The rationale for compliance assurance methods selected:

A compliance status; and

A list of available unit attribute forms.

Prepared on: July 1, 2019

Operating Permit Basis of Determination

Permit Area Process Description

The PO/SM I and PO/SM II processes produce propylene oxide (PO) and styrene monomer (SM). The major chemical reactions in the production of PO and SM are:

- 1) oxidation of ethylbenzene (EB) to form ethylbenzene hydroperoxide (EBHP),
- 2) epoxidation of propylene with EBHP to form PO and methyl benzyl alcohol (MBA),
- 3) dehydration of MBA to SM and water, and
- 4) hydrogenation of acetephenone (ACP) to form MBA

In addition, phenyl ethyl alcohol (PEA) is recovered from a residue stream in the PO/SM I unit. The recovery process consists of four steps:

- 1) concentration of crude PEA from the residue,
- 2) caustic treatment to remove phenol compounds,
- 3) azeotropic distillation and solvent cleaning, and
- 4) purification to produce fragrance grade PEA.

Ethylbenzene Units - The EB produced is used within the facility in the production of PO and SM. The EB process involves the alkylation of benzene and ethylene in the presence of a catalyst. The flare system receives waste gas from the PO/SM and EB units. There are three boilers which provide steam for the production process and are fired on natural gas and waste liquid fuel.

Butanediol Unit - 1,4 butanediol (BDO) is a derivative of PO from which a number of intermediate and end products are made. These include allyl alcohol (AA), BDO and gammabutyrolacetone (GBL) as intermediates and 2 methyl 1,3 propanediol (MPD), N-methyl pyrolidone (NMP) and tetrahydrofuran (THF) as end products. In the first processing unit, PO is isomerized to allyl alcohol. Major by-products of the reaction are propionaldehyde and acetone. BDO is produced by first reacting AA with synthesis gas to form hydroxybutyraldehyde (HBA). Major by-products of the reaction are propanol and propionaldehyde. BDO is produced by first reacting AA with synthesis gas to form hydroxybutyraldehyde (HBA) and hydroxymethylpropionaldehyde (HMPA). The HBA is hydrogenated in a second step to form BDO and the HMPA is hydrogenated to form MPD. The major by-product is propanol, which is later purified for sales. THF is produced by the dehydration of BDO using an acid catalyst. NMP is produced from BDO in a 2-step process. The first step is dehydration to GBL over a metal catalyst. GBL is then reacted with methylamine (MA) to form NMP.

Polyols Unit - The manufacture of polyols is accomplished via 2 different methods. The first method requires several batch and continuous process steps. First, glycerine reacts to form prepoly base. The next step in the cycle takes place in the prepoly reactor. PO is added to the saponified glycerine to form prepoly. The time-phased addition of ethylene oxide (EO) and PO completes the reaction phase of the production cycle. This crude polyol is then refined for sale. The second method is accomplished via continuous process. Various raw material streams, which include propylene oxide and ethylene oxide, are fed to the reactor continuously. Product polyol from the reactor is cooled and moved to storage for sale.

Methyl tertiary butyl ether (MTBE) Unit - The manufacture of MTBE involves dehydration of tertiary butyl alcohol (TBA) to produce isobutylene. The second major portion of the MTBE production process involves the liquid phase reaction of isobutylene and methanol in the presence of a catalyst.

Ethyl tertiary butyl ether (ETBE) is produced from ethanol. The manufacture of ETBE involves the dehydration of TBA to produce isobutylene. The second major step involves the liquid phase reaction of isobutylene and ethanol in the presence of a catalyst. Finally, the crude ETBE is purified by distillation.

FOPs at Site

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, PM, NOX, HAPS, CO

Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
 - o Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
 - Additional Monitoring Requirements
 - New Source Review Authorization Requirements
 - o Compliance Requirements
 - Protection of Stratosphere Ozone
 - Permit Location
 - Permit Shield (30 TAC § 122.148)
- Attachments
 - Applicable Requirements Summary
 - Unit Summary
 - Applicable Requirements Summary
 - Additional Monitoring Requirements
 - o Permit Shield
 - New Source Review Authorization References
 - o Compliance Plan
 - o Alternative Requirements
- Appendix A
 - o Acronym list

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that

applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the "index number," detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3 for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Stationary Vents subject to 30 TAC Chapter 111 not addressed in the Special Terms and Conditions

All other stationary vents subject to 30 TAC Chapter 111 not covered in the Special Terms and Conditions are listed in the permit's Applicable Requirement Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	No
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes

Regulatory Program	Applicability (Yes/No)
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO ₂ Trading Program)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the "Permit Shield" attachment of the permit.

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

- 1. Office activities such as photocopying, blueprint copying, and photographic processes.
- 2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
- 3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
- 4. Outdoor barbecue pits, campfires, and fireplaces.
- 5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
- 6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
- 7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
- 8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
- 9. Vehicle exhaust from maintenance or repair shops.
- 10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).

- 11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
- 12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
- 13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
- 14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
- 15. Well cellars.
- 16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
- 17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
- 18. Equipment used exclusively for the melting or application of wax.
- 19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
- 20. Shell core and shell mold manufacturing machines.
- 21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
- 22. Equipment used for inspection of metal products.
- 23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
- 24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
- 25. Battery recharging areas.
- 26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
ENGEB2	30 TAC Chapter 117, Subchapter B	R7ICI-15	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
ENGEB2	40 CFR Part 60, Subpart IIII	60IIII-3	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENGEB2	40 CFR Part 63,	63ZZZZ-7	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2	
	Subpart ZZZZ		Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.	
			Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.	
			Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
			Stationary RICE Type = Compression ignition engine	
ENGP2AIR1	30 TAC Chapter 117, Subchapter	R7ICI-22	Fuel Flow Monitoring = Unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.140(a)(2)(C), 117.340(a)(2)(C) or 117.440(a)(2)(C).	
	В		NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9)	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			CO Averaging Method = Complying with the applicable emission limit using a block one-hour average.	
			CO Monitoring System = Emissions monitored by means other than a CEMS or PEMS.	
			EGF System Cap Unit = Engine is not used as an electric generating facility to generate electricity for sale to the electric grid.	
			Type of Service = SRIC engine not meeting an exemption	
			Fuel Fired = Petroleum-based diesel fuel	
			NOx Averaging Method = Complying with the applicable emission limit using a block one-hour average.	
			Engine Type = Lean-burn	
			NOx Reduction = No NOx reduction	
			ESAD Date Placed in Service = Placed into service before October 1, 2001 and has not been modified, reconstructed or relocated on or after October 1, 2001.	
			NOx Monitoring System = Maximum emission rate testing in accordance with 30 TAC § 117.8000	
			Diesel HP Rating = Horsepower rating is 600 hp or greater, but less than 750 hp.	
ENGP2AIR1	40 CFR Part 60, Subpart IIII	60IIII-4	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENGP2AIR1	40 CFR Part 63,	63ZZZZ-1	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2	
	Subpart ZZZZ		Brake HP = Stationary RICE with a brake HP greater than 500 HP.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.	
			Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENGRADTW R	30 TAC Chapter 117, Subchapter B	R7ICI-16	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
ENGRADTW R	40 CFR Part 60, Subpart IIII	60IIII-3	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.	
			Diesel = Diesel fuel is used.	
			Kilowatts = Power rating is greater than or equal to 75 KW and less than 130 KW.	
			Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.	
			Displacement = Displacement is less than 10 liters per cylinder.	
			Service = CI ICE is an emergency engine.	
			Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.	
			Commencing = CI ICE was newly constructed after 07/11/2005.	
			Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	
			Manufacture Date = Date of manufacture was after 04/01/2006.	
			Model Year = CI ICE was manufactured in model year 2013.	
ENGRADTW	40 CFR Part 63,	63ZZZZ-5	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2	
R	Subpart ZZZZ		Brake HP = Stationary RICE with a brake HP less than 100 HP.	
			Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.	
			Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENGUT1	30 TAC Chapter 117, Subchapter	R7ICI-9	Fuel Flow Monitoring = Unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.140(a)(2)(C), 117.340(a)(2)(C) or 117.440(a)(2)(C).	
	В		NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9)	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			CO Averaging Method = Complying with the applicable emission limit using a block one-hour average.	
			CO Monitoring System = Emissions monitored by means other than a CEMS or PEMS.	
			EGF System Cap Unit = Engine is not used as an electric generating facility to generate electricity for sale to the electric grid.	
			Type of Service = SRIC engine not meeting an exemption	
			Fuel Fired = Petroleum-based diesel fuel	
			NOx Averaging Method = Complying with the applicable emission limit using a block one-hour average.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engine Type = Lean-burn	
			NOx Reduction = No NOx reduction	
			ESAD Date Placed in Service = Placed into service before October 1, 2001 and has not been modified, reconstructed or relocated on or after October 1, 2001.	
			NOx Monitoring System = Maximum emission rate testing in accordance with 30 TAC § 117.8000	
			Diesel HP Rating = Horsepower rating is 300 hp or greater, but less than 600 hp.	
ENGUT1	40 CFR Part 60, Subpart IIII	60IIII-3	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENGUT1	40 CFR Part 63,	63ZZZZ-2	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2	
	Subpart ZZZZ		Brake HP = Stationary RICE with a brake HP greater than 500 HP.	
			Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance	
			Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.	
			Control Technique = Oxidation catalyst	
			Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies.	
			Emission Limitation = Limiting formaldehyde concentration from the stationary RICE exhaust	
			Monitoring System = Monitoring system other than a CPMS or CEMS	
			Service Type = Normal use.	
			Stationary RICE Type = Compression ignition engine	
ENGUT7	30 TAC Chapter 117, Subchapter B	R7ICI-15	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
ENGUT7	40 CFR Part 60, Subpart IIII	601111-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.	
			Diesel = Diesel fuel is used.	
			Kilowatts = Power rating is greater than or equal to 19 KW and less than 37 KW.	
			Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.	
			Displacement = Displacement is less than 10 liters per cylinder.	
			Service = CI ICE is an emergency engine.	
			Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.	
			Commencing = CI ICE was newly constructed after 07/11/2005.	
			Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	
			Manufacture Date = Date of manufacture was after 04/01/2006.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Model Year = CI ICE was manufactured in model year 2010.	
ENGUT7	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-5	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
G57001	30 TAC Chapter 117, Subchapter B	R7ICI-16	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
G57001	40 CFR Part 60, Subpart IIII	60IIII-2	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE meets the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2008.	
G57001	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-8	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
G68002	30 TAC Chapter 117, Subchapter B	R7ICI-15	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
G68002	40 CFR Part 60, Subpart IIII	60IIII-3	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
G68002	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-6	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
GRPICEEMR 1	30 TAC Chapter 117, Subchapter B	R7ICI-15	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
GRPICEEMR 1	40 CFR Part 60, Subpart IIII	601111-4	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
GRPICEEMR 1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-3	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 250 HP and less than 300 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
GRPICEEMR 2	30 TAC Chapter 117, Subchapter B	R7ICI-15	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
GRPICEEMR 2	40 CFR Part 60, Subpart IIII	601111-4	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
GRPICEEMR 2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
D40001	30 TAC Chapter 115, Storage of VOCs	R5121-1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D5901	30 TAC Chapter 115, Storage of VOCs	R5121-3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons Control Device Type = Flare	
D5901	40 CFR Part 63, Subpart PPP	63PPP-1	Vessel Type = Storage Vessel	The rule citations were determined from an analysis of the rule text and the basis of determination.
D5903	30 TAC Chapter 115, Storage of VOCs	R5121-4	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	
D5906	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D5970	30 TAC Chapter 115, Storage of VOCs	R5121-5	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Flare	
D5970	40 CFR Part 63, Subpart PPP	63PPP-1	Vessel Type = Storage Vessel	The rule citations were determined from an analysis of

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				the rule text and the basis of determination.
D5975	30 TAC Chapter 115, Storage of VOCs	R5121-6	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Flare	
D5975	40 CFR Part 63, Subpart PPP	63PPP-1	Vessel Type = Storage Vessel	The rule citations were determined from an analysis of the rule text and the basis of determination.
D5976	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D5997	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D65630	30 TAC Chapter 115, Storage of VOCs	R5121-7	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	
D67837	40 CFR Part 61, Subpart FF	61FF-2	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D6804	30 TAC Chapter 115, Storage of	R5121-56	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs	OCs C	Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
D6804	40 CFR Part 61, Subpart FF	61FF-14	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D6804	40 CFR Part 61, Subpart FF	61FF-15	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D6804	40 CFR Part 63, Subpart G	63G-22	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
D6804	40 CFR Part 63, Subpart G	63G-24	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D68819A	30 TAC Chapter 115, Storage of	R5121-8	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
D68819A	40 CFR Part 60,	60KB-3	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68819A	40 CFR Part 60,	60KB-4	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68819A	40 CFR Part 61, Subpart FF	61FF-3	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D68819A	40 CFR Part 63, Subpart G	63G-22	Process Wastewater = The tank receives, manages, or treats process wastewater streams	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	
			Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa	
			New Source = The source is an existing source.	
D68819B	30 TAC Chapter 115, Storage of	R5121-9	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
D68819B	40 CFR Part 60,	60KB-6	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68819B	40 CFR Part 60,	60KB-7	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68819B	40 CFR Part 61, Subpart FF	61FF-4	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D68819B	40 CFR Part 63,	63G-23	Process Wastewater = The tank receives, manages, or treats process wastewater streams	
	Subpart G		Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	
			Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa	
			New Source = The source is an existing source.	
D68820	40 CFR Part 60,	60KB-10	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68820	40 CFR Part 60,		Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68820	40 CFR Part 61, Subpart FF	61FF-5	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D68820	40 CFR Part 63, Subpart G	63G-2	Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.	
			Process Wastewater = The tank receives, manages, or treats process wastewater streams	
			Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	
			Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172	
			Wastewater Tank Properties = Properties do not qualify for exemption	
			By-pass Lines = Closed vent system has no by-pass lines	
			Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device	
			Combination of Control Devices = The vent stream is treated using a single control device.	
			Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.	
			Control Device Type = Flare	
			New Source = The source is an existing source.	
			Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved.	
D68820	63PPP-1	40 CFR Part 63, Subpart PPP	Vessel Type = Wastewater Tank	The rule citations were determined from an analysis of the rule text and the basis of determination.
D68846	30 TAC Chapter 115, Storage of	R5121-10	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
			Control Device Type = Flare	
D68846	40 CFR Part 60,	60KB-12	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	determined from an analysis of the rule text and the basis of
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D68846	40 CFR Part 60,	60KB-13	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68846	40 CFR Part 61, Subpart FF	61FF-6	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D68846	40 CFR Part 63, Subpart G	63G-4	Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.	
			Process Wastewater = The tank receives, manages, or treats process wastewater streams	
			Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	
			Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172	
			Wastewater Tank Properties = Properties do not qualify for exemption	
			By-pass Lines = Closed vent system has no by-pass lines	
			Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device	
			Combination of Control Devices = The vent stream is treated using a single control device.	
			Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.	
			Control Device Type = Flare	
			New Source = The source is an existing source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved.	
D68846	63PPP-1	40 CFR Part 63, Subpart PPP	Vessel Type = Wastewater Tank	The rule citations were determined from an analysis of the rule text and the basis of determination.
D68860	40 CFR Part 60, Subpart Kb	60KB-15	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68860	40 CFR Part 60, Subpart Kb	60KB-16	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68860	40 CFR Part 61, Subpart FF	61FF-7	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Control Device Type/Operations = Flare Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D68860	40 CFR Part 63, Subpart G	63G-1	Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Process Wastewater = The tank receives, manages, or treats process wastewater streams	
			Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	
			Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172	
			Wastewater Tank Properties = Properties do not qualify for exemption	
			By-pass Lines = Closed vent system has no by-pass lines	
			Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device	
			Combination of Control Devices = The vent stream is treated using a single control device.	
			Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.	
			Control Device Type = Flare	
			New Source = The source is an existing source.	
			Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved.	
D68870	40 CFR Part 60,	*	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68870	40 CFR Part 60,	60KB-19	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
D68870	40 CFR Part 61, Subpart FF	61FF-8	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
D95671	30 TAC Chapter 115, Storage of VOCs	R5121-31	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCS		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	
GRPTKCVSA	30 TAC Chapter 115, Storage of	R5112-E3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	
			Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
GRPTKCVSA	30 TAC Chapter 115, Storage of	R5121-53	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
			Control Device Type = Flare	
GRPTKCVSA	40 CFR Part 60,	60KB-32	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia	
			Storage Vessel Description = Emission controls not required (fixed roof)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKCVSA	40 CFR Part 60, Subpart Kb	60KB-33	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
GRPTKCVSA	40 CFR Part 60, Subpart Kb	60KB-34	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
GRPTKCVSB	30 TAC Chapter 115, Storage of VOCs	R5121-28	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Flare	
GRPTKCVSB	40 CFR Part 60, Subpart Kb	60KB-45	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Emission controls not required (fixed roof)	
GRPTKCVSB	40 CFR Part 60, Subpart Kb	60KB-47	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
GRPTKCVSB	40 CFR Part 60, Subpart Kb	60KB-49	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKCVSC	30 TAC Chapter 115, Storage of	R5121-54	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
GRPTKCVSC	40 CFR Part 61, Subpart FF	61FF-14	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTKCVSC	40 CFR Part 61, Subpart FF	61FF-15	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTKCVSC	40 CFR Part 63, Subpart G	63G-22	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
GRPTKCVSC	40 CFR Part 63, Subpart G	63G-24	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
GRPTKFF	40 CFR Part 61, Subpart FF	61FF-11	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTKFF	40 CFR Part 61, Subpart FF	61FF-13	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Catalytic vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternate Monitoring Parameters = Alternate monitoring parameters not requested	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTKHON1 A	30 TAC Chapter 115, Storage of	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKHON1 A	30 TAC Chapter 115, Storage of	R5121-32	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
GRPTKHON1 A	40 CFR Part 63, Subpart G	63G-10	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Bypass Lines = Closed vent system has no by-pass lines. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa) Control Device Type = Flare Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
GRPTKHON1 A	40 CFR Part 63, Subpart G	63G-3	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Bypass Lines = Closed vent system has no by-pass lines. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Control Device Type = Flare Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
GRPTKHON1 A	40 CFR Part 63, Subpart G	63G-6	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. Bypass Lines = Closed vent system has no by-pass lines. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Control Device Type = Flare Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
GRPTKHON1 B	30 TAC Chapter 115, Storage of VOCs	R5121-49	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons Control Device Type = Flare	
GRPTKHON1 B	40 CFR Part 63, Subpart G	63G-12	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
GRPTKHON1 C	30 TAC Chapter 115, Storage of	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using an internal floating roof (IFR)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKHON1	30 TAC Chapter 115, Storage of	s, Storage of	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using an internal floating roof (IFR)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Primary Seal = Primary seal not determined since 30 TAC §§ 115.117(a)(6), 115.117(a)(7), 115.117(b)(6), or 115.117(b)(7) exemptions are not utilized	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized	
GRPTKHON1 C	40 CFR Part 63, Subpart G	63G-14	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Seal Type = Liquid-mounted seal (as defined in 40 CFR § 63.111)	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Emission Control Type = Internal floating roof	
GRPTKHON1 C	40 CFR Part 63, Subpart G	63G-15	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Seal Type = Liquid-mounted seal (as defined in 40 CFR § 63.111)	
			NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Emission Control Type = Internal floating roof	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKHON1 C	40 CFR Part 63, Subpart G	63G-16	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Emission Control Type = Internal floating roof	
GRPTKHON1	40 CFR Part 63, Subpart G	63G-17	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof	
			NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Emission Control Type = Internal floating roof	
GRPTKHON1 C	40 CFR Part 63, Subpart G	63G-18	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Emission Control Type = Internal floating roof	
GRPTKHON2 A	30 TAC Chapter 115, Storage of	R5112-2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKHON2 A	30 TAC Chapter 115, Storage of	R5112-6	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKHON2 A	30 TAC Chapter 115, Storage of VOCs	R5121-40	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
GRPTKHON2	,	63G-19	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	to DSS**
Α	Subpart G		NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 B	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCS		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKHON2 B	40 CFR Part 63,	63G-20	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	
В	Subpart G		NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
	40 CFR Part 63,	t 63, 63G-21	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	
В	Subpart G		NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 C	115, Storage of	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
GRPTKHON2	,	63G-19	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	
С	Subpart G		NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKHON2 C	40 CFR Part 63, Subpart G	63G-23	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 D	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKHON2 D	30 TAC Chapter 115, Storage of VOCs	R5112-E2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKHON2 D	30 TAC Chapter 115, Storage of VOCs	R5121-41	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Other vapor destruction unit	
GRPTKHON2 D	30 TAC Chapter 115, Storage of VOCs	R5121-43	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Flare	
GRPTKHON2 D	40 CFR Part 63, Subpart G	63G-19	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKHON2 D	40 CFR Part 63, Subpart G	63G-23	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 E	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
GRPTKHON2 E	40 CFR Part 63, Subpart G	63G-20	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 E	40 CFR Part 63, Subpart G	63G-21	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 F	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKHON2 F	40 CFR Part 63, Subpart G	63G-20	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
GRPTKHON2 F	40 CFR Part 63, Subpart G	63G-21	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb.	
GRPTKIFR	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKIFR	30 TAC Chapter 115, Storage of VOCs	R5121-44	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKIFR	40 CFR Part 60, Subpart Kb	60KB-55	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
GRPTKIFR	40 CFR Part 60, Subpart Kb	60KB-56	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
GRPTKKBRK A	30 TAC Chapter 115, Storage of VOCs	5112-E2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
GRPTKKBRK B	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKKBRK C	30 TAC Chapter 115, Storage of VOCs	R5112-E3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKKBRK D	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKKBRK E	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
GRPTKKBRK F	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
GRPTKKBRK G	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKNOAP A	30 TAC Chapter 115, Storage of VOCs	5112-E2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTKNOAP B	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKNOAP C	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKNOAP C	30 TAC Chapter 115, Storage of VOCs	5112-E2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKNOAP D	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKNOAP F	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKNOAP G	30 TAC Chapter 115, Storage of VOCs	R5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPTKSMCV S	30 TAC Chapter 115, Storage of	R5121-45	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
GRPTKWWA	40 CFR Part 61, Subpart FF	61FF-16	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTKWWA	40 CFR Part 63,	63G-24	Process Wastewater = The tank receives, manages, or treats process wastewater streams	
	Subpart G		Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	
			Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa	
			Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device	
			New Source = The source is an existing source.	
GRPTKWWA	63PPP-1	40 CFR Part 63, Subpart PPP	Vessel Type = Wastewater Tank	The rule citations were determined from an analysis of

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				the rule text and the basis of determination.
GRPTKWWB	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTKWWB	30 TAC Chapter 115, Storage of VOCs	5112-E2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
TK40002	30 TAC Chapter 115, Storage of VOCs	R5121-12	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
TK57709	30 TAC Chapter 115, Storage of VOCs	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
TK57709	30 TAC Chapter 115, Storage of VOCs	R5121-32	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Flare	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
TK57709	40 CFR Part 63,	63FFFF-1	Designated HAL = The emission stream is not designated as halogenated.	
	Subpart FFFF		Emission Standard = HAP vapor pressure is less than 76.6 and a flare is being used for control per § 63.2470(a)-Table 4.1.b.iii.	
			Determined HAL = The emission stream is determined not to be halogenated.	
			Prior Eval = The data from a prior evaluation or assessment is used.	
			Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure.	
			Bypass Line = No bypass lines.	
TK57709	40 CFR Part 63, Subpart G	63G-3	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Hard Piping = The closed vent system is constructed of ductwork.	
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
			Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%.	
TK57709	40 CFR Part 63, Subpart G	63G-8	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			Hard Piping = The closed vent system is constructed of ductwork.	6
			Bypass Lines = Closed vent system has no by-pass lines.	
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa)	
			Control Device Type = Flare	
			Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	
			Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%.	
TK57710	30 TAC Chapter 115, Storage of	R5121-1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using an internal floating roof (IFR)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
TK57710	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than	
			11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
TK57723A	30 TAC Chapter 115, Storage of	R5121-13	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a submerged fill pipe	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Primary Seal = Primary seal not determined since 30 TAC §§ 115.117(a)(6), 115.117(a)(7), 115.117(b)(6), or 115.117(b)(7) exemptions are not utilized	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized	
TK57723B	30 TAC Chapter 115, Storage of	R5121-14	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a submerged fill pipe	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Primary Seal = Primary seal not determined since 30 TAC §§ 115.117(a)(6), 115.117(a)(7), 115.117(b)(6), or 115.117(b)(7) exemptions are not utilized	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized	
TK57727A	30 TAC Chapter 115, Storage of	R5121-15	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
TK5908	30 TAC Chapter 115, Storage of	R5121-16	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
TK5909	30 TAC Chapter 115, Storage of	R5121-17	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
TK5909	30 TAC Chapter 115, Storage of		Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
TK5909	30 TAC Chapter 115, Storage of	R5121-19	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
TK5909	40 CFR Part 60,	60KB-21	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
TK5909	40 CFR Part 60,	60KB-22	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
TK60223	30 TAC Chapter 115, Storage of	R5121-18	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using an internal floating roof (IFR)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Primary Seal = Primary seal not determined since 30 TAC §§ 115.117(a)(6), 115.117(a)(7), 115.117(b)(6), or 115.117(b)(7) exemptions are not utilized	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized	
TK60223	40 CFR Part 63,	63G-19	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	
	Subpart G	bpart G	NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
TK60224	30 TAC Chapter 115, Storage of	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
TK60463	30 TAC Chapter 115, Storage of	R5121-49	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
TK60463	40 CFR Part 63,	63G-19	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	
	Subpart G		NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
TK60463	40 CFR Part 63, Subpart G	63G-23	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb.	
TK60561	30 TAC Chapter 115, Storage of	5112-E1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank does not require emission controls	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
TK60722	30 TAC Chapter 115, Storage of	R5121-20	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
TK60722	40 CFR Part 61, Subpart FF	61FF-9	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
TK6077	30 TAC Chapter 115, Storage of	R5112-57	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a submerged fill pipe and vapor recovery system	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Flare	
TK6077	30 TAC Chapter 115, Storage of	R5112-58	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a submerged fill pipe and vapor recovery system	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 40,000 gallons	
			Control Device Type = Other vapor recovery unit	
TK6077	40 CFR Part 60,	60Kb-57	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
		Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia	Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
TK6077	40 CFR Part 60,	60Kb-58	Product Stored = Volatile organic liquid	
	Subpart Kb	art Kb	Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia	
			Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
TK65672	30 TAC Chapter	R5121-21	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting	
	115, Storage of VOCs		continuous compliance with applicable control requirements or exemption criteria.	
		Tank Description = Tank using a vapor recovery system (VRS)		
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
TK66845	30 TAC Chapter 115, Storage of	R5121-22	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
			Control Device Type = Flare	
TK66845	40 CFR Part 61, Subpart FF	61FF-10	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.	
			Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	
			Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	
			Control Device Type/Operations = Flare	
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).	
			Closed Vent System and Control Device AMOC = Not using an alternate means of compliance	
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
TK66845	40 CFR Part 63,	63G-2	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	
	Subpart G		NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.	
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
TK68407	30 TAC Chapter 115, Storage of	R5121-23	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	
	VOCs		Tank Description = Tank using a vapor recovery system (VRS)	
			Product Stored = VOC other than crude oil or condensate	
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia	
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
			Control Device Type = Flare	
TK68407	40 CFR Part 60,	60KB-24	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
TK68407	40 CFR Part 60,	60KB-25	Product Stored = Volatile organic liquid	
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)	
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia	
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
TK68491	30 TAC Chapter 115, Storage of VOCs	R5112-E3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
TK68492	30 TAC Chapter 115, Storage of VOCs	R5121-24	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	
TK68492	40 CFR Part 60, Subpart Kb	60KB-28	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
TK68492	40 CFR Part 60, Subpart Kb	60KB-29	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	
TK68782	30 TAC Chapter 115, Storage of VOCs	R5121-25	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	
GRPLDHON G2	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Control Device Type = Vapor control system with a flare. Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
GRPLDHON	30 TAC Chapter	R5211-2	Chapter 115 Control Device Type = Vapor control system with a flare.	
G2	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
GRPLDHON G2	30 TAC Chapter 115, Loading and	R5211-3	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
	Unloading of VOC		Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure less than 0.5 psia.	
GRPLDHON	40 CFR Part 63,	63G-1	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111).	
G2	Subpart G		Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
GRPLDREG5	30 TAC Chapter	R5211-12	Chapter 115 Control Device Type = Vapor control system with a flare.	
A	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
GRPLDREG5 A	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-13	Chapter 115 Control Device Type = Vapor control system with a flare. Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized. Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
GRPLDREG5 A	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-14	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
GRPLDREG5 B	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-12	Chapter 115 Control Device Type = Vapor control system with a flare. Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized. Control Options = Vapor control system that maintains a control efficiency of at least 90%.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B 115	30 TAC Chapter	R5211-13	Chapter 115 Control Device Type = Vapor control system with a flare.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
GRPLDREG5 B	30 TAC Chapter 115, Loading and	R5211-14	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
	Unloading of VOC		Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure less than 0.5 psia.	
LR60PORK	30 TAC Chapter	ading and	Chapter 115 Control Device Type = Vapor control system with a flare.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
LR60PORK	40 CFR Part 63,	63G-2	Control Device = Flare.	
	Subpart G		Halogenated Emissions = There are no halogenated emission streams from the transfer rack.	
			Transfer Rack Type = Group 1 transfer rack (as defined in 40 CFR § 63.111).	
			Vapor Balancing System = A vapor balancing system is not being used to reduce emissions of organic hazardous air pollutants.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Emissions Routing = Emissions of organic hazardous air pollutants are not routed to a fuel gas system nor to a process where the organic hazardous air pollutants meet one or more of the ends specified in 40 CFR § 63.126(b)(4)(i) - (iv).	
			Bypass Lines = The vent system does not contain by-pass lines that could divert a vent stream flow away from the control device.	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
LT60PORK	30 TAC Chapter	R5211-24	Chapter 115 Control Device Type = Vapor control system with a flare.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
LT60PORK	40 CFR Part 63,	63G-3	Control Device = Flare.	
	Subpart G		Halogenated Emissions = There are no halogenated emission streams from the transfer rack.	
			Transfer Rack Type = Group 1 transfer rack (as defined in 40 CFR § 63.111).	
			Vapor Balancing System = A vapor balancing system is not being used to reduce emissions of organic hazardous air pollutants.	
			Emissions Routing = Emissions of organic hazardous air pollutants are not routed to a fuel gas system nor to a process where the organic hazardous air pollutants meet one or more of the ends specified in 40 CFR § 63.126(b)(4)(i) - (iv).	
			Bypass Lines = The vent system does not contain by-pass lines that could divert a vent stream flow away from the control device.	
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H.	
LTHPIB	30 TAC Chapter	R5211-25	Chapter 115 Control Device Type = No control device.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor balance system.	
LTHPIB	30 TAC Chapter	R5211-26	Chapter 115 Control Device Type = No control device.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor balance system.	
LTHPIB	30 TAC Chapter	, Loading and	Chapter 115 Control Device Type = Vapor control system with a flare.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
LTHPIB	30 TAC Chapter	R5211-28	Chapter 115 Control Device Type = Vapor control system with a flare.	
	115, Loading and Unloading of VOC		Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.	
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.	
			Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.	
			Transfer Type = Only loading.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
			Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.	
			Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
F57180	30 TAC Chapter	RICI7-21	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	a), onth a), u/hr.
			Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = On or before November 15, 1992	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			Fuel Type #3 = Liquid	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			Annual Heat Input = Annual heat input is less than or equal to 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F6101	30 TAC Chapter	R7ICI-16	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Type #2 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F6101	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F6102	30 TAC Chapter 117, Subchapter B	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement. NOx Reduction = No NO _x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. Fuel Type #2 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F6102	40 CFR Part 63, Subpart DDDDD	63DDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F6103	30 TAC Chapter 117, Subchapter B	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F6103	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F6104	30 TAC Chapter	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B	Subchapter	Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
		Fuel Type #1 = Gaseous fuel other than natural gas, lar	Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F6104	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F6105	30 TAC Chapter 117, Subchapter B	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			Annual Heat Input = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F6105	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F64175	30 TAC Chapter	R7ICI-6	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F65630	30 TAC Chapter	R7ICI-17A	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = On or before November 15, 1992	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			Fuel Type #3 = Liquid	
			NOx Monitoring System = Continuous emissions monitoring system	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F65630	30 TAC Chapter	R7ICI-17B	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.	
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = On or before November 15, 1992	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Continuous emissions monitoring system	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F65630	30 TAC Chapter	R7ICI-17C	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.	
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = On or before November 15, 1992	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Natural gas	
			Fuel Type #2 = Liquid	
			NOx Monitoring System = Continuous emissions monitoring system	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F65630	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F66850	30 TAC Chapter	R7ICI-16A	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B	Subchapter	Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.	
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = On or before November 15, 1992	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			Fuel Type #3 = Liquid	
			NOx Monitoring System = Continuous emissions monitoring system	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F66850	30 TAC Chapter	R7ICI-16B	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B	ruel Flow Monitoring =	Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = On or before November 15, 1992	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Continuous emissions monitoring system	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F66850	30 TAC Chapter	R7ICI-16C	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.	
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Natural gas	
			Fuel Type #2 = Liquid	
			NOx Monitoring System = Continuous emissions monitoring system	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F66850	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F67800	30 TAC Chapter	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			Annual Heat Input = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F67800	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F67830	30 TAC Chapter	R7ICI-18	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			Annual Heat Input = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F67830	40 CFR Part 63, Subpart DDDDD	63DDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F96800	30 TAC Chapter	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			Annual Heat Input = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on a rolling 12-month average.	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F96800	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F96890	30 TAC Chapter	R7ICI-17	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	
			Unit Type = Process heater	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	
			Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.	
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	
			NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average	
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
			NOx Reduction = No NO _x control method	
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	
			Fuel Type #2 = Natural gas	
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F96890	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
F97951	30 TAC Chapter 117, Subchapter B	R7ICI-7	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO _x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. Fuel Type #2 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on a rolling 12-month	
			average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
F57180	40 CFR Part 60, Subpart Dc	60Dc-004	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. PM Monitoring Type = No particulate monitoring. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). SO2 Inlet Monitoring Type = No SO2 monitoring. Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB. SO2 Outlet Monitoring Type = No SO2 monitoring. Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). Technology Type = None. D-Series Fuel Type = Natural gas. D-Series Fuel Type = Other fuel. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. 30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F57180	40 CFR Part 63,	63EEE-1	ALT Metals = Complying with the particulate matter standards.	
	Subpart EEE		Type Fuel = Boiler burns liquid fuel.	
			Existing Source = The boiler is an existing source (construction or reconstruction commenced on or before April 20, 2004).	
			Met Feedrate = Feedrate levels are established as 12-hour rolling average limit for semivolatile and low volatile metals.	
			Area Source = The boiler is a major source as defined under §63.2.	
			CO/THC Stadard = Complying with the THC standard in § 63.1216(a)(5)(ii) or (b)(5)(ii); or § 63.1217(a)(5)(ii) or (b)(5)(ii)	
			Baghouse = The boiler is not equipped with a baghouse.	
			Dioxin/Furan Standard = Complying with the THC standard in § 63.1217(a)(1) (ii) or (b)(1)(ii).	
			Dioxin-Listed = The boiler does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027.	
			Heating Value = The hazardous waste as-fired heating value is less than 10,000 Btu/lb.	
			DRE Previous Test = DRE testing during the comprehensive intial performance testing is used to document conformance with the DRE standard.	
			Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg.	
GRPBOILER	30 TAC Chapter 117, Subchapter	R7ICI-21A	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].	
	В		Unit Type = Industrial, commercial, or institutional boiler regulated as an existing facility by the EPA at 40 CFR Part 266, Subpart H, as was in effect on June 9, 1993.	
			Maximum Rated Capacity = MRC is greater than or equal to 250 MMBtu/hr.	
			NOx Monitoring System = Continuous emissions monitoring system.	
			Fuel Flow Monitoring = Unit vents to a common stack with a NO_x and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a)(2)(B) or 117.440(a)(2)(B).	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option.	
			CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).	
			EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.	
			Fuel Type #1 = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.	
			NH3 Emission Limitation = Title 30 TAC § 117.310(c)(2).	
			NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average.	
			NH3 Emission Monitoring = Mass balance	
			NOx Reductions = Post combustion control technique with ammonia injection.	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on rolling 12-month average.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPBOILER	30 TAC Chapter 117, Subchapter	R7ICI-21C	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].	
	В		Unit Type = Industrial, commercial, or institutional boiler regulated as an existing facility by the EPA at 40 CFR Part 266, Subpart H, as was in effect on June 9, 1993.	
			Maximum Rated Capacity = MRC is greater than or equal to 250 MMBtu/hr.	
			NOx Monitoring System = Continuous emissions monitoring system.	
			Fuel Flow Monitoring = Unit vents to a common stack with a NO_x and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a)(2)(B) or 117.440(a)(2)(B).	
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option.	
			CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).	
			EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.	
			Fuel Type #1 = Liquid fuel	
			NH3 Emission Limitation = Title 30 TAC § 117.310(c)(2).	
			NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average.	
			NH3 Emission Monitoring = Mass balance	
			NOx Reductions = Post combustion control technique with ammonia injection.	
			Annual Heat Input = Annual heat input is greater than 2.2(10 ¹¹) Btu/yr, based on rolling 12-month average.	
GRPBOILER	40 CFR Part 60,	60D-2	Construction/Modification Date = After September 18, 1978.	
	Subpart D		D-Series Fuel Type #1 = Gaseous fossil fuel.	
			Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.	
			D-Series Fuel Type #2 = Nonfossil fuel.	
			Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.	
			Alternate 43D = No alternative requirement is used for SO ₂ , unit is complying with requirements of § 60.43(a) and (b).	
			Heat Input Rate = Heat input rate is greater than 250 MMBtu/hr (73 MW).	
			Alternate 42C = The facility is meeting the requirements of § 60.42(a) for PM.	
			Alternate 44E = The facility is meeting the requirements of § 60.44(a), (b), and (d) for NO _x .	
			Flue Gas Desulfurization = The unit does not utilize a flue gas desulfurization device.	
			PM CEMS = The facility does not use a CEMS to measure PM.	
			Fuel Sampling and Analysis = The unit does not use fuel sampling and analysis for monitoring of sulfur dioxide emissions.	
			Gas or Liquid Fuel Only = Burns gaseous or liquid fossil fuel with potential SO_2 emissions rates greater than 0.060 lb/MMBtu, or other fuels, or uses post combustion technology to reduce of SO_2 or PM, or does not monitor SO_2 emissions by sampling or fuel receipts.	
			Cyclone-Fired Unit = The unit is not a cyclone-fired unit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuels with 0.33 Percent or Less Sulfur = Facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO ₂ , or CO, burns only gaseous fuels or fuel oils that contain 0.30 % sulfur by weight or less, and operates so CO emissions are 0.15 lb/MMBtu average.	
			NOx Monitoring Type = It was not demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44.	
			PM CEMS Petition = No petition has been granted to install a PM CEMS as an alternative to the CEMS for monitoring opacity emissions.	
GRPBOILER	40 CFR Part 60,	60D-4	Construction/Modification Date = After September 18, 1978.	
	Subpart D		D-Series Fuel Type #1 = Gaseous fossil fuel.	
			Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.	
			Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.	
			Alternate 43D = No alternative requirement is used for SO ₂ , unit is complying with requirements of § 60.43(a) and (b).	
			Heat Input Rate = Heat input rate is greater than 250 MMBtu/hr (73 MW).	
			Alternate 42C = The facility is meeting the requirements of § 60.42(a) for PM.	
			Alternate 44E = The facility is meeting the requirements of § 60.44(a), (b), and (d) for NO _x .	
			Flue Gas Desulfurization = The unit does not utilize a flue gas desulfurization device.	
			PM CEMS = The facility does not use a CEMS to measure PM.	
			Fuel Sampling and Analysis = The unit does not use fuel sampling and analysis for monitoring of sulfur dioxide emissions.	
			Gas or Liquid Fuel Only = Burns only gaseous or liquid fossil fuel (not residual oil) with potential SO_2 emissions rates of 0.060 lb/MMBtu or less, does not use post combustion technology to reduce of SO_2 or PM, and monitors SO_2 emissions by sampling or fuel receipts.	
			Cyclone-Fired Unit = The unit is not a cyclone-fired unit.	
			Fuels with 0.33 Percent or Less Sulfur = Facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO ₂ , or CO, burns only gaseous fuels or fuel oils that contain 0.30 % sulfur by weight or less, and operates so CO emissions are 0.15 lb/MMBtu average.	
			NOx Monitoring Type = It was not demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44.	
			PM CEMS Petition = No petition has been granted to install a PM CEMS as an alternative to the CEMS for monitoring opacity emissions.	
GRPBOILER	40 CFR Part 63,	63EEE-1	ALT Metals = Complying with the particulate matter standards.	
	Subpart EEE		Type Fuel = Boiler burns liquid fuel.	
			Existing Source = The boiler is an existing source (construction or reconstruction commenced on or before April 20, 2004).	
			Met Feedrate = Feedrate levels are established as 12-hour rolling average limit for semivolatile and low volatile metals.	
			Area Source = The boiler is a major source as defined under §63.2.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO/THC Stadard = Complying with the THC standard in § 63.1216(a)(5)(ii) or (b)(5)(ii); or § 63.1217(a)(5)(ii) or (b)(5)(ii)	
			Baghouse = The boiler is not equipped with a baghouse.	
			Dioxin/Furan Standard = Complying with the THC standard in § 63.1217(a)(1) (ii) or (b)(1)(ii).	
			Dioxin-Listed = The boiler does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027.	
			Heating Value = The hazardous waste as-fired heating value is less than 10,000 Btu/lb.	
			DRE Previous Test = DRE testing during the comprehensive intial performance testing is used to document conformance with the DRE standard.	
			Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg.	
GRPBOILER	40 CFR Part 63,	63EEE-2	ALT Metals = Complying with the particulate matter standards.	
	Subpart EEE		Type Fuel = Boiler burns liquid fuel.	
			Existing Source = The boiler is an existing source (construction or reconstruction commenced on or before April 20, 2004).	
			Met Feedrate = Feedrate levels are established as 12-hour rolling average limit for semivolatile and low volatile metals.	
			Area Source = The boiler is a major source as defined under §63.2.	
			CO/THC Stadard = Complying with the THC standard in § 63.1216(a)(5)(ii) or (b)(5)(ii); or § 63.1217(a)(5)(ii) or (b)(5)(ii)	
			Baghouse = The boiler is not equipped with a baghouse.	
			Dioxin/Furan Standard = Complying with the THC standard in § 63.1217(a)(1) (ii) or (b)(1)(ii).	
			Dioxin-Listed = The boiler does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027.	
			Heating Value = The hazardous waste as-fired heating value is 10,000 Btu/lb or greater.	
			DRE Previous Test = DRE testing during the comprehensive intial performance testing is used to document conformance with the DRE standard.	
			Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg.	
FL60730	30 TAC Chapter 115, HRVOC Vent	R5720-1	Monitoring Requirements = Flare is complying with rule base requirements other than the continuous monitoring requirements of § 115.725(d).	
	Gas		Out of Service = Flare was not permanently out of service by April 1, 2006.	
			Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.	
			Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.	
			Physical Seal = Flare is equipped with a physical seal.	
			Flare Type = Flare is an emergency flare as defined in § 115.10.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL60731	30 TAC Chapter	R1111-002	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.	
	111, Visible Emissions		Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
			Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL60731	30 TAC Chapter 115, HRVOC Vent	R5720-1	Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d).	
	Gas		Out of Service = Flare was not permanently out of service by April 1, 2006.	
			Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.	
			Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.	
			Multi-Purpose Usage = Flare is used for abatement of emissions from scheduled or unscheduled maintenance, startup or shutdown activities AND as an emergency flare.	
			Flow Rate = Flow rate of the gas routed to the flare is determined using the requirements of § 115.725(d)(1).	
			Physical Seal = Flare is equipped with a flow monitor or indicator.	
			Flare Type = Flare is in multi-purpose service.	
			Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	
FL60731	40 CFR Part 60,	60A-004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL60731	40 CFR Part 60,	60A-1B	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL60731	40 CFR Part 60,	60A-1C	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
FL60731	40 CFR Part 63, Subpart A	63A-004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL60731	40 CFR Part 63, Subpart A	63A-1B	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL60731	40 CFR Part 63, Subpart A	63A-1C	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).	
FL6103	30 TAC Chapter 111, Visible Emissions	R1111-004	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
FL6103	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d). Out of Service = Flare was not permanently out of service by April 1, 2006. §115.725(e) Requirements = Flare is complying with the requirements of § 115.725(d). Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. Multi-Purpose Usage = Flare is used for abatement of emissions from marine loading or transport vessel loading and unloading operations AND for abatement of emissions from scheduled or unscheduled maintenance, startup or shutdown activities AND as an emergency flare. §115.725(h)(4) Alternative = Using the continuous monitoring requirements in § 115.725(d)(2). Flare Type = Flare is in multi-purpose service.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	
FL6103	40 CFR Part 60, Subpart A	60A-004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR §	
			60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL6103	40 CFR Part 60,	60A-2B	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL6103	40 CFR Part 60,	CFR Part 60, part A 60A-2C	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Бибрап А		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
FL6103	40 CFR Part 63,	63A-004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	
	Subpart A		Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL6103	40 CFR Part 63,	63A-2B	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	
	Subpart A		Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL6103	40 CFR Part 63, Subpart A	63A-2C	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).	
FL6104	30 TAC Chapter	R1111-004	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.	
	111, Visible Emissions		Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
			Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL6104	30 TAC Chapter 115, HRVOC Vent	R5720-1	Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d).	
	Gas		Out of Service = Flare was not permanently out of service by April 1, 2006.	
			Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.	
			Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.	
			Multi-Purpose Usage = Flare is used for abatement of emissions from scheduled or unscheduled maintenance, startup or shutdown activities AND as an emergency flare.	
			Flow Rate = Flow rate of the gas routed to the flare is determined using the requirements of § 115.725(d)(1).	
			Physical Seal = Flare is equipped with a flow monitor or indicator.	
			Flare Type = Flare is in multi-purpose service.	
			Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	
FL6104	40 CFR Part 60,	60A-004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A	Subpart A	Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL6104	40 CFR Part 60,	60A-2B	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL6104	40 CFR Part 60,	60A-2C	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
FL6104	40 CFR Part 63,	63A-004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	
	Subpart A		Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL6104	40 CFR Part 63,	vart A	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	
	Subpart A		Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL6104	40 CFR Part 63,	63A-2C	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	
	Subpart A		Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).	
FL6105	30 TAC Chapter	R1111-002	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.	
	111, Visible Emissions		Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
			Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL6105	30 TAC Chapter	R5720-1	Out of Service = Flare was not permanently out of service by April 1, 2006.	
	115, HRVOC Vent Gas		Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.	
	043		Gas Stream Concentration = Flare never receives a gas stream containing 5% or greater HRVOC by weight.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Exempt Date = Flare has not become exempt.	
FL6105	40 CFR Part 60, Subpart A	60A-004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL6105	40 CFR Part 60, Subpart A	60A-3B	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL6105	40 CFR Part 60, Subpart A	60A-3C	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
FL6105	40 CFR Part 63, Subpart A	63A-004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL6105	40 CFR Part 63, Subpart A	63A-3B	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL6105	40 CFR Part 63, Subpart A	63A-3C	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).	
FL68491	30 TAC Chapter	R1111-002	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.	
	111, Visible Emissions		Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
			Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL68491	30 TAC Chapter 115, HRVOC Vent	R5720-1	Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d).	
	Gas		Out of Service = Flare was not permanently out of service by April 1, 2006.	
			Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.	
			Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.	
			Multi-Purpose Usage = Flare is used for abatement of emissions from scheduled or unscheduled maintenance, startup or shutdown activities AND as an emergency flare.	
			Flow Rate = Flow rate of the gas routed to the flare is determined using the requirements of § 115.725(d)(1).	
			Physical Seal = Flare is equipped with a flow monitor or indicator.	
			Flare Type = Flare is in multi-purpose service.	
			Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	
FL68491	40 CFR Part 60,	60A-004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A	ubpart A	Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL68491	40 CFR Part 60,	60A-4B	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL68491	40 CFR Part 60, Subpart A	60A-4C	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
FL68491	40 CFR Part 63, Subpart A	63A-004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL68491	40 CFR Part 63, Subpart A	63A-4B	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL68491	40 CFR Part 63, Subpart A	63A-4C	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).	
FL68493	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Monitoring Requirements = Flare is complying with rule base requirements other than the continuous monitoring requirements of § 115.725(d). Out of Service = Flare was not permanently out of service by April 1, 2006. Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. Gas Stream Concentration = Flare never receives a gas stream containing 5% or greater HRVOC by weight. Exempt Date = Flare has not become exempt. Physical Seal = Flare is equipped with a physical seal.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL68910	30 TAC Chapter 111, Visible	R1111-002	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.	
	Emissions		Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
			Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL68910	30 TAC Chapter	R5720-1	Out of Service = Flare was not permanently out of service by April 1, 2006.	
	115, HRVOC Vent Gas		Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.	
			Gas Stream Concentration = Flare never receives a gas stream containing 5% or greater HRVOC by weight.	
			Exempt Date = Flare has not become exempt.	
FL68910	40 CFR Part 60,	60A-004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	/s /s the
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FL68910	40 CFR Part 60,	60A-5B	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL68910	40 CFR Part 60,	60A-5C	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	
	Subpart A		Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).	
			Flare Assist Type = Steam-assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
FL68910	40 CFR Part 63,	63A-004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.	
	Subpart A		Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).	
			Flare Assist Type = Steam assisted	
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).	
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL68910	40 CFR Part 63, Subpart A	63A-5B	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL68910	40 CFR Part 63, Subpart A	63A-5C	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).	
FUGITIVES	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis.	
FUGITIVES	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
FUGITIVES	40 CFR Part 60, Subpart VV	60VV-ALL	SOP Index No. = Owner or operator assumes fugitive unit control requirements for all components in VOC service subject to 40 CFR Part 60, Subpart VV with no alternate control or control devices.	
FUGITIVES	40 CFR Part 60, Subpart VVa	60VVa-ALL	CVS = Fugitive unit contains closed vent systems. Flare = Fugitive unit contains flares. Produces Chemicals = The facility produces, as an intermediate or final product, one or more of the chemicals listed in 40 CFR § 60.489a. Affected Facility = The facility is an affected facility as defined in 40 CFR § 60.480a(a)(2). EEL = No equivalent emission limitation is used for closed vent systems. Construction/Modification Date = After November 7, 2006. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VVa. Complying with 60.482-10a = Flares are complying with 60.482-10a. Design Capacity = Site with a design capacity greater than or equal to 1,000 Mg/yr. Facility Type = Facility does not qualify for one of the exemptions in § 60.480a(d).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FUGITIVES	40 CFR Part 63, Subpart FFFF	63FFF-1	Existing Source = Fugitive unit contains equipment in an existing Miscellaneous Chemical Processing Unit.	
FUGITIVES	40 CFR Part 63, Subpart H	63H-ALL	SOP Index No. = Owner/Operator assumes fugitive control requirements for all components in VOC or VHAP service subject to 40 CFR Part 63, Subpart H with no alternated control or control device.	
CT68240	30 TAC Chapter 115, HRVOC	R5760-1	Cooling Tower Heat Exchange System Exemptions = The cooling tower heat exchange system does not qualify for an exemption.	
	Cooling Towers		Jacketed Reactor = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor.	
			Alternative Monitoring = Complying with the specified monitoring in 30 TAC § 115.764.	
			Design Capacity = Design capacity to circulate 8000 gpm or greater.	
			Finite Volume System = The cooling tower heat exchange system is complying with the requirements in § 115.764(a).	
			Modified Monitoring = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764.	
			Flow Monitoring/Testing Method = Choosing to use the maximum potential flow rate based on the manufacturer's pump performance data in accordance with §115.764(e)(1).	
			Total Strippable VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a).	
			On-Line Monitor = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT68540	30 TAC Chapter 115, HRVOC	R5760-1	Cooling Tower Heat Exchange System Exemptions = The cooling tower heat exchange system does not qualify for an exemption.	
	Cooling Towers		Jacketed Reactor = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor.	
			Alternative Monitoring = Complying with the specified monitoring in 30 TAC § 115.764.	
			Design Capacity = Design capacity to circulate 8000 gpm or greater.	
			Finite Volume System = The cooling tower heat exchange system is complying with the requirements in § 115.764(a).	
			Modified Monitoring = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764.	
			Flow Monitoring/Testing Method = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1).	
			Total Strippable VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a).	
			On-Line Monitor = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
D68830	40 CFR Part 61,	61FF-4	Alternate Means of Compliance = NO	
	Subpart FF		By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Standards for Oil-Water Separator = NO	
			Control Device Type/Operation = FLARE	
			Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE	
			Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC)	
			Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349	
D68830	40 CFR Part 63, Subpart G	63G-3	Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G	
			Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE	
			Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F	
			Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.172	
			New Source = FACILITY IS AN EXISTING SOURCE AS DEFINED IN MACT G	
			Bypass Lines = NO BYPASS LINE	
			Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES	
			Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE	
			Control Device Type = CARBON ADSORBER	
			Floating Roof Alternate Monitoring Parameters = FLOATING ROOF ALTERNATE MONITORING PARAMETERS ARE NOT APPROVED OR ARE NOT REQUESTED	
			Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13	
			Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13	
D68830	63PPP-1	40 CFR Part 63, Subpart PPP	Vessel Type = Wastewater Tank	The rule citations were determined from an analysis of the rule text and the basis of determination.
GRPSEPFF	40 CFR Part 61,	61FF-1	Alternate Means of Compliance = NO	
	Subpart FF		By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE	
			Alternative Standards for Oil-Water Separator = NO	
			Control Device Type/Operation = FLARE	
			Engineering Calculations = PERFORANCE TEST IS BEING USED TO DETERMINE COMPLIANCE OF A CONTROL DEVICE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC)	
GRPSEPFF&	40 CFR Part 61,	61FF-3	Alternate Means of Compliance = NO	
G	Subpart FF		By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE	
			Alternative Standards for Oil-Water Separator = NO	
			Control Device Type/Operation = FLARE	
			Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE	
			Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC)	
			Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349	
GRPSEPFF&	40 CFR Part 63, Subpart G	63G-1	Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G	
			Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE	
			Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F	
			Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.172	
			New Source = FACILITY IS AN EXISTING SOURCE AS DEFINED IN MACT G	
			Bypass Lines = NO BYPASS LINE	
			Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES	
			Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE	
			Control Device Type = FLARE	
			Floating Roof Alternate Monitoring Parameters = FLOATING ROOF ALTERNATE MONITORING PARAMETERS ARE NOT APPROVED OR ARE NOT REQUESTED	
			Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13	
			Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13	
BOILER1VNT		R5121-30	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
BOILER1VNT	30 TAC Chapter	R5121-8	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
BOILER2VNT	30 TAC Chapter	R5121-29	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
BOILER2VNT	30 TAC Chapter	R5121-9	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
BOILER3VNT	30 TAC Chapter	R5121-10	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
BOILER3VNT	30 TAC Chapter	R5121-28	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.		
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.		
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.		
D5987	30 TAC Chapter 115, Vent Gas	R5121-20	Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.		
	Controls		Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).		
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.		
D67891	30 TAC Chapter 115, Vent Gas	R5121-21	Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.		
	Controls		Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).		
				VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
D96891	30 TAC Chapter	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.		
	115, HRVOC Vent Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).		
			Exempt Date = The vent gas stream is not exempt.		
D96891	30 TAC Chapter 115, Vent Gas	R5121-22	Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.		
	Controls		Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).		
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.		
EBOILER	30 TAC Chapter	R1111-6	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.		
	111, Visible Emissions		Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.		
			Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).		
			Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.		

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
EHPIBALZ	30 TAC Chapter 115, Vent Gas	R5121-58	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
	Controls		Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are potentially applicable, the vent is not specifically classified under the rule and the vent is complying with the requirements of another Division under contingency provisions.	
			Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).	
			VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.	
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	te s.
F6101VNT	30 TAC Chapter	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.	
	115, HRVOC Vent Gas	•	Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Exempt Date = The vent gas stream is not exempt.	
F6101VNT	30 TAC Chapter 115, Vent Gas Controls	R5121-18	Alternate Control Requirement = Alternate control is not used.	
			Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F6101VNT	30 TAC Chapter 115, Vent Gas Controls	R5121-37	Alternate Control Requirement = Alternate control is not used.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
F6102VNT	30 TAC Chapter	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.	
	115, HRVOC Vent Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Exempt Date = The vent gas stream is not exempt.	
F6102VNT	30 TAC Chapter	ent Gas	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F6102VNT	30 TAC Chapter	R5121-27	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
F6103VNT	30 TAC Chapter	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.	
	115, HRVOC Vent Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Exempt Date = The vent gas stream is not exempt.	
F6103VNT	30 TAC Chapter	R5121-17	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls	: Gas	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F6103VNT	30 TAC Chapter	R5121-35	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls	Vent Gas	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
F6104VNT	30 TAC Chapter 115, HRVOC Vent	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Exempt Date = The vent gas stream is not exempt.	
F6104VNT	30 TAC Chapter	R5121-16	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F6104VNT	30 TAC Chapter	R5121-41	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F6105VNT	30 TAC Chapter	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.	
	115, HRVOC Vent Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Exempt Date = The vent gas stream is not exempt.	
F6105VNT	30 TAC Chapter	R5121-19	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
		g C b	40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
		following requirements of 40 C value is greater than 1.0 withou	40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).	
			VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.	
F6105VNT	30 TAC Chapter	R5121-33	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
			Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).	
			VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F64170VNT 30 TAC Chapter 115, Vent Gas Controls	30 TAC Chapter	R5121-2	Alternate Control Requirement = Alternate control is not used.	
			Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F64170VNT	30 TAC Chapter	R5121-25	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
F64170VNT	30 TAC Chapter	R5121-3	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is less than 0.011 scm/min or the VOC concentration is less than 500 ppmv.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			VOC Concentration = VOC concentration is less than 612 ppmv.	
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
F64170VNT	40 CFR Part 63, Subpart G	63G-1	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Catalytic incinerator.	
			Overlap = Title 40 CFR Part 63, Subpart G only	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.	
F64170VNT	40 CFR Part 63, Subpart G	63G-1B	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Catalytic incinerator.	
			Overlap = Title 40 CFR Part 63, Subpart G only	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system contains by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Flow Indicator = A flow indicator is installed and operated at the entrance of the by-pass line.	
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.	
F64170VNT	40 CFR Part 63, Subpart G	63G-2	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Thermal incinerator.	
			Overlap = Title 40 CFR Part 63, Subpart G only	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.	
F64170VNT	40 CFR Part 63, Subpart G	63G-2B	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Thermal incinerator.	
			Overlap = Title 40 CFR Part 63, Subpart G only	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system contains by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
			Flow Indicator = A flow indicator is installed and operated at the entrance of the by-pass line.	
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.	
F65630VNT	30 TAC Chapter	R5121-11	Alternate Control Requirement = Alternate control is not used.	
1 00000 111	115, Vent Gas Controls	1.0121-11	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F65630VNT	30 TAC Chapter	R5121-26	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
			Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).	
			VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.	
F67800VNT	30 TAC Chapter	R5121-32	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F67800VNT 30 TAC Chapter 115, Vent Gas Controls	R5121-6	Alternate Control Requirement = Alternate control is not used.		
		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.		
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
		Con blas chill Ven prod 40 0 follo	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F96800VNT	30 TAC Chapter	R5121-15	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls	Chapter 115 Division = The vent stream does not originate from a source for which anothe TAC Chapter 115 establishes a control requirement, emission specification, or exemption if Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per ye chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combused as a control device for a vent stream originating from a noncombustion source subject Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies nei following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
11	30 TAC Chapter	R5121-31	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
F97950VNT	30 TAC Chapter	R5121-1	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
F97950VNT	30 TAC Chapter	R5121-23	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
F97950VNT	30 TAC Chapter	R5121-3	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is less than 0.011 scm/min or the VOC concentration is less than 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			VOC Concentration = VOC concentration is less than 612 ppmv.	
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
F97950VNT	40 CFR Part 63, Subpart G	63G-7	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
	·		Control Device = Catalytic incinerator.	
			Overlap = Title 40 CFR Part 63, Subpart G only	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F97950VNT	40 CFR Part 63, Subpart G	63G-8	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Thermal incinerator.	
			Overlap = Title 40 CFR Part 63, Subpart G only	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.	
FL60730VNT	30 TAC Chapter 115, HRVOC Vent		HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Vent Gas Stream Control = Vent gas stream is controlled by a flare.	
FL60731VNT	30 TAC Chapter 115, HRVOC Vent	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Vent Gas Stream Control = Vent gas stream is controlled by a flare.	
FL60731VNT	30 TAC Chapter	R5121-24	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Smokeless flare	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
FL60731VNT	30 TAC Chapter	R5121-7	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls	3.2.	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Smokeless flare	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
FL60731VNT	40 CFR Part 63, Subpart G	63G-3	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Flare	
			Overlap = Title 40 CFR Part 60, Subpart NNN	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
FL6103VNT	30 TAC Chapter 115, HRVOC Vent	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Vent Gas Stream Control = Vent gas stream is controlled by a flare.	
FL6103VNT	30 TAC Chapter	R5121-1	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Smokeless flare	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
FL6103VNT	30 TAC Chapter 115, Vent Gas	R5212-2	Alternate Control Requirement = Alternate control is not used.	
	Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Smokeless flare	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
FL6103VNT	40 CFR Part 63, Subpart G	63G-1	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Flare	
			Overlap = Title 40 CFR Part 60, Subpart NNN	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.	
			Halogenated = Vent stream is not halogenated.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Performance Test = No previous performance test was conducted.	
FL6104VNT	30 TAC Chapter 115, HRVOC Vent	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Vent Gas Stream Control = Vent gas stream is controlled by a flare.	
FL6104VNT	30 TAC Chapter	R5121-40	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Control Device Type = Smokeless flare	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	30 TAC Chapter	R5121-48	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Smokeless flare	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
FL6104VNT	30 TAC Chapter	Chapter 115 Division = The vent stream does not originate from a straction of the control requirement, emission specified to the control requirement and the contro	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
		40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE value is greater than 1.0 without the use of VOC emission control devices.	following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index	
			Control Device Type = Smokeless flare	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
FL6104VNT	40 CFR Part 63, Subpart G	63G-4	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Flare	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Overlap = Title 40 CFR Part 60, Subpart NNN	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
FL6105VNT	30 TAC Chapter	R5121-3	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Smokeless flare	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
FL6105VNT	30 TAC Chapter	R5121-39	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Control Device Type = Smokeless flare	
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
			Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).	
			VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.	
FL6105VNT	30 TAC Chapter	R5121-49	Alternate Control Requirement = Alternate control is not used.	
	115, Vent Gas Controls		Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	
			Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.	
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
			Control Device Type = Smokeless flare	
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
			40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
FL6105VNT	40 CFR Part 63,	63FFFF-1	Designated Grp1 = The emission stream is designated as Group 1.	
	Subpart FFFF		Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a flare is being used for control.	
			Designated Hal = The emission stream is not designated as halogenated.	
			Determined Hal = The emission stream is determined to be non-halogenated.	
			Prior Eval = The data from a prior evaluation or assessment is not used.	
			Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver has not been requested.	
			Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure.	
			Bypass Line = No bypass lines.	
FL6105VNT	40 CFR Part 63, Subpart G	63G-5	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.	
			Control Device = Flare	
			Overlap = Title 40 CFR Part 60, Subpart NNN	
			Group 1 = The process vent meets the definition of a Group 1 process vent.	
			Halogenated = Vent stream is not halogenated.	
			HAP Concentration = HAP concentration is not needed to determine applicability.	
			TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
FL68491VNT	30 TAC Chapter 115, HRVOC Vent	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Gas Stream Control = Vent gas stream is controlled by a flare.	
FL68491VNT	30 TAC Chapter 115, Vent Gas Controls	R5121-38	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC	
			Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
FL68491VNT	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	
FL68491VNT	40 CFR Part 63, Subpart G	63G-6	Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used. Control Device = Flare Overlap = Title 40 CFR Part 60, Subpart RRR Group 1 = The process vent meets the definition of a Group 1 process vent. Halogenated = Vent stream is not halogenated. HAP Concentration = HAP concentration is not needed to determine applicability. TRE for Halogenated Vent Stream = The total resource effectiveness (TRE) index value is not being calculated for a halogenated vent stream.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
			Flow Rate = Flow rate is not needed to determine applicability.	
FL68493VNT	30 TAC Chapter 115, HRVOC Vent	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).	
			Vent Gas Stream Control = Vent gas stream is controlled by a flare.	
GRPALZVEN T	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
GRPALZVEN T	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
GRPALZVEN T2	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
GRPALZVEN T2	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC	
			Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
			Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).	
			VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
GRPHPIBTW R	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.	
			Subpart NNN Control Device = Flare.	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
GRPHPIBTW R	40 CFR Part 60, Subpart NNN	60NNN-3	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.	
			Subpart NNN Control Device = Boiler or process heater design heat input capacity less than 44 MW (150 MMBtu/hr).	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = Less than 1 gigagram per year.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
GRPNNNFLA R	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved through use of a flare or recovery device.	
			Subpart NNN Control Device = Flare.	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
GRPNNNFUE L	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.	
			Subpart NNN Control Device = Boiler or process heater design heat input capacity greater than or equal to 44 MW (150 MMBtu/hr).	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
GRPNNNFUE L	40 CFR Part 60, Subpart NNN	60NNN-6	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.	
			Subpart NNN Control Device = Boiler or process heater design heat input capacity less than 44 MW (150 MMBtu/hr).	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
T57215	40 CFR Part 60, Subpart NNN	60NNN-13	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.	
			Subpart NNN Control Device = Boiler or process heater design heat input capacity greater than or equal to 44 MW (150 MMBtu/hr).	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
T57215	40 CFR Part 60, Subpart NNN	60NNN-14	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.	
			Subpart NNN Control Device = Boiler or process heater design heat input capacity less than 44 MW (150 MMBtu/hr).	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
T57215	40 CFR Part 60, Subpart NNN	60NNN-3	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	
			Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	
			Construction/Modification Date = After December 30, 1983.	
			TOC Reduction = Compliance is achieved through use of a flare or recovery device.	
			Subpart NNN Control Device = Flare.	
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system.	
			Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).	
			Total Design Capacity = 1 gigagram per year or greater.	en to DSS**
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
D68820	30 TAC Chapter	R5140-3	Petroleum Refinery = The affected source category is not a petroleum refinery.	
	115, Industrial Wastewater		Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.	
			Alternate Control Requirement = An alternate control requirement (ACR) or exemption criteria in accordance with 30 TAC § 115.910 is not used.	
			Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.	
			Control Devices = Flare.	
			90% Overall Control Option = The unit is complying with the control requirements of 30 TAC § 115.142.	
			Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.	
			Safety Hazard Exemption = No safety hazard exemption has been requested or none has been approved.	
D68820	63PPP-1	40 CFR Part 63, Subpart PPP	Vessel Type = Wastewater Tank	determined from an analysis of the rule text and the basis of

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D68830	30 TAC Chapter	R5140-1	Petroleum Refinery = The affected source category is not a petroleum refinery.	
	115, Industrial Wastewater		Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.	
			Alternate Control Requirement = An alternate control requirement (ACR) or exemption criteria in accordance with 30 TAC § 115.910 is not used.	
			Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.	
			Control Devices = Flare.	
			90% Overall Control Option = The unit is complying with the control requirements of 30 TAC § 115.142.	
			Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.	
			Safety Hazard Exemption = No safety hazard exemption has been requested or none has been approved.	
D68860	30 TAC Chapter	R5140-4	Petroleum Refinery = The affected source category is not a petroleum refinery.	
	115, Industrial Wastewater		Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.	
			Alternate Control Requirement = An alternate control requirement (ACR) or exemption criteria in accordance with 30 TAC § 115.910 is not used.	
			Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.	d.
			Control Devices = Flare.	
			90% Overall Control Option = The unit is complying with the control requirements of 30 TAC § 115.142.	
			Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.	
			Safety Hazard Exemption = No safety hazard exemption has been requested or none has been approved.	
D68870	30 TAC Chapter	R5140-5	Petroleum Refinery = The affected source category is not a petroleum refinery.	
	115, Industrial Wastewater		Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.	
			Alternate Control Requirement = An alternate control requirement (ACR) or exemption criteria in accordance with 30 TAC § 115.910 is not used.	
			Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.	
			Control Devices = Flare.	
			90% Overall Control Option = The unit is complying with the control requirements of 30 TAC § 115.142.	
			Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.	
			Safety Hazard Exemption = No safety hazard exemption has been requested or none has been approved.	
GRPSEPFF&	30 TAC Chapter	R5140-2	Petroleum Refinery = The affected source category is not a petroleum refinery.	
G	115, Industrial Wastewater		Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.	
			Alternate Control Requirement = An alternate control requirement (ACR) or exemption criteria in accordance with 30 TAC § 115.910 is not used.	
			Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Devices = Flare. 90% Overall Control Option = The unit is complying with the control requirements of 30 TAC § 115.142. Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used. Safety Hazard Exemption = No safety hazard exemption has been requested or none has been approved.	
GRPTKWWA	30 TAC Chapter 115, Industrial Wastewater	R5140-6	Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit. Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof. Control Devices = Flare. Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.	
PROBIF	40 CFR Part 61, Subpart FF	61FF-4	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Openings = The treatment process or wastewater treatment system unit has no openings. Fuel Gas System = Not all gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system. Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system. Benzene Removal = Benzene is removed from the waste stream to a level of less than 10 ppmw on a flow weighted annual average basis. Closed-Vent System and Control Device = A closed-vent system and control device is not used. Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).	
PROBIF	40 CFR Part 63, Subpart G	63G-2	Series of Processes = The wastewater stream is treated using a single treatment process. Biological Treatment Process = Non-biological treatment process. Wastewater Stream Designation = Designated as Group 1 per 40 CFR § 63.132(e). Wastewater Stream Treatment = Resource Conservation and Recovery Act (RCRA) unit option.	
PRODPWELL	40 CFR Part 61, Subpart FF	61FF-3	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Openings = The treatment process or wastewater treatment system unit has no openings. Fuel Gas System = Not all gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system. Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Benzene Removal = Benzene is removed from the waste stream to a level of less than 10 ppmw on a flow weighted annual average basis.	
			Closed-Vent System and Control Device = A closed-vent system and control device is not used.	
			Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).	
PRODPWELL	,	63G-1	Series of Processes = The wastewater stream is treated using a single treatment process.	
	Subpart G		Biological Treatment Process = Non-biological treatment process.	
			Wastewater Stream Designation = Designated as Group 1 per 40 CFR § 63.132(e).	
			Wastewater Stream Treatment = Resource Conservation and Recovery Act (RCRA) unit option.	
PROSTRIP1	40 CFR Part 61, Subpart FF	61FF-2	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.	
			Continuous Monitoring = The wastewater treatment system unit process parameters are continuously monitored to indicate proper system operation.	
			Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).	
			Openings = The treatment process or wastewater treatment system unit has no openings.	
			Fuel Gas System = Not all gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system.	
			Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.	
			Benzene Removal = Benzene is removed from the waste stream to a level of less than 10 ppmw on a flow weighted annual average basis.	
			Closed-Vent System and Control Device = A closed-vent system and control device is not used.	
			Process Or Stream Exemption = The treatment process or waste stream is not complying with 40 CFR §61.348(d).	
			Treatment Process Engineering Calculations = Performance tests are used to show that the treatment process or wastewater treatment system unit achieves its emission limitation.	
PROSTRIP2	40 CFR Part 61, Subpart FF	61FF-1	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.	
			Continuous Monitoring = The wastewater treatment system unit process parameters are continuously monitored to indicate proper system operation.	
			Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).	
			Openings = The treatment process or wastewater treatment system unit has no openings.	
			Fuel Gas System = Not all gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system.	
			Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Benzene Removal = Benzene is removed from the waste stream to a level of less than 10 ppmw on a flow weighted annual average basis.	
			Closed-Vent System and Control Device = A closed-vent system and control device is not used.	
			Process Or Stream Exemption = The treatment process or waste stream is not complying with 40 CFR §61.348(d).	
			Treatment Process Engineering Calculations = Performance tests are used to show that the treatment process or wastewater treatment system unit achieves its emission limitation.	
GRPHONCM PU	40 CFR Part 63, Subpart F	63F-1	Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii).	
			Intervening Cooling Fluid = There is no intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water.	
			Table 2 HAP = The chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.	
			Table 4 HAP Content = The recirculating heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F.	
			Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.	
			NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.	
			Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).	
			Heat Exchange System = A heat exchange system is utilized.	
			Table 9 HAP Content = The once-through heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G.	
			Cooling Water Monitored = The cooling water is being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.	
			Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side.	
PROBDOHFR M	40 CFR Part 63, Subpart FFFF	63FFFF-1	>1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of less than 1,000 lb/yr.	
			Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less.	
			Startup 2003 = The affected source startup was before November 10, 2003.	
			Other Operations = The MCPU includes operations other than those listed in § 63.2435(c).	
			Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			63.100 CMPU = The MCPU is not a CMPU defined in § 63.100. New Source = The MCPU is an existing affected source. PUG = The MCPU is not part of a process unit group (PUG). G2/<1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. Startup 2002 = The affected source initial startup was before April 4, 2002. PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7. Batch Process Vents = The source does not include batch process vents.	
PROGBL	40 CFR Part 63, Subpart F	63F-2	Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii). Table 2 HAP = The chemical manufacturing process unit does not use as a reactant or manufacture, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.	
PROTHF	40 CFR Part 63, Subpart F	63F-3	Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii). Table 2 HAP = The chemical manufacturing process unit does not use as a reactant or manufacture, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.	

^{* -} The "unit attributes" or operating conditions that determine what requirements apply

** - Notes changes made to the automated results from the DSS, and a brief explanation why

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit (FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room,

located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. In addition, many of the permits are accessible online through the link provided below. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. Permit by Rule (PBR) registrations submitted by permittees are also available online through the link provided below. The following table specifies the PBRs that apply to the site.

The TCEQ has interpreted the emission limits prescribed in 30 TAC §106.4(a) as both emission thresholds and default emission limits. The emission limits in 30 TAC §106.4(a) are all considered applicable to each facility as a threshold matter to ensure that the owner/operator qualifies for the PBR authorization. Those same emission limits are also the default emission limits if the specific PBR does not further limit emissions or there is no lower, certified emission limit claimed by the owner/operator.

This interpretation is consistent with how TCEQ has historically determined compliance with the emission limits prior to the addition of the "as applicable" language. The "as applicable" language was added in 2014 as part of changes to the sentence structure in a rulemaking that made other changes to address greenhouse gases and was not intended as a substantive rule change. This interpretation also provides for effective and practical enforcement of 30 TAC §106.4(a), since for the TCEQ to effectively enforce the emission limits in 30 TAC §106.4(a) as emission thresholds, all emission limits must apply. As provided by 30 TAC §106.4(a)(2) and (3), an owner/operator shall not claim a PBR authorization if the facility is subject to major New Source Review. The practical and legal effect of the language in 30 TAC § 106.4 is that if a facility does not emit a pollutant, then the potential to emit for that particular pollutant is zero, and thus, the facility is not authorized to emit the pollutant pursuant to the PBR.

The status of air permits, applications, and PBR registrations may be found by performing the appropriate search of the databases located at the following website:

www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

Details on how to search the databases are available in the **Obtaining Permit Documents** section below.

New Source Review Authorization References

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.		
Authorization No.: 103779	Issuance Date: 07/25/2012	
Authorization No.: 107594	Issuance Date: 02/08/2013	
Authorization No.: 108390	Issuance Date: 03/28/2013	
Authorization No.: 108438	Issuance Date: 03/14/2013	
Authorization No.: 131137	Issuance Date: 04/30/2015	
Authorization No.: 133250	Issuance Date: 06/24/2015	
Authorization No.: 18103	Issuance Date: 11/16/2018	
Authorization No.: 19155	Issuance Date: 11/27/2017	
Authorization No.: 19613	Issuance Date: 02/20/2019	
Authorization No.: 20416	Issuance Date: 11/27/2017	
Authorization No.: 2993	Issuance Date: 02/20/2019	
Authorization No.: 3286A	Issuance Date: 06/29/2017	
Authorization No.: 3346	Issuance Date: 11/06/2017	
Authorization No.: 4121	Issuance Date: 08/05/2016	

New Source Review Authorization References

Authorization No.: 83817	Issuance Date: 11/16/2018	
Permits By Rule (30 TAC Chapter 106) for the Application Area		
Number: 106.183	Version No./Date: 09/04/2000	
Number: 106.261	Version No./Date: 09/04/2000	
Number: 106.261	Version No./Date: 11/01/2003	
Number: 106.262	Version No./Date: 09/04/2000	
Number: 106.262	Version No./Date: 11/01/2003	
Number: 106.263	Version No./Date: 11/01/2001	
Number: 106.264	Version No./Date: 09/04/2000	
Number: 106.265	Version No./Date: 09/04/2000	
Number: 106.371	Version No./Date: 09/04/2000	
Number: 106.373	Version No./Date: 09/04/2000	
Number: 106.412	Version No./Date: 09/04/2000	
Number: 106.433	Version No./Date: 09/04/2000	
Number: 106.452	Version No./Date: 09/04/2000	
Number: 106.454	Version No./Date: 11/01/2001	
Number: 106.472	Version No./Date: 09/04/2000	
Number: 106.473	Version No./Date: 09/04/2000	
Number: 106.475	Version No./Date: 09/04/2000	
Number: 106.476	Version No./Date: 09/04/2000	
Number: 106.477	Version No./Date: 09/04/2000	
Number: 106.478	Version No./Date: 09/04/2000	
Number: 106.492	Version No./Date: 09/04/2000	
Number: 106.511	Version No./Date: 09/04/2000	
Number: 106.512	Version No./Date: 06/13/2001	
Number: 106.532	Version No./Date: 09/04/2000	
Number: 106.533	Version No./Date: 09/04/2000	
Number: 106.533	Version No./Date: 06/30/2004	

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of

emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Compliance Assurance Monitoring (CAM):

Compliance Assurance Monitoring (CAM) is a federal monitoring program established under Title 40 Code of Federal Regulations Part 64 (40 CFR Part 64).

Emission units are subject to CAM requirements if they meet the following criteria:

- 1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
- 2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and
- 3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

The following table(s) identify the emission unit(s) that are subject to CAM:

Unit/Group/Process Information		
ID No.: BOILER1VNT		
Control Device ID No.: BOILER 1	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-30	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
Indicator: Period of Operation		
Minimum Frequency: n/a		
Averaging Period: n/a		
Deviation Limit: All periods of operation that are not recorded.		

Unit/Group/Process Information			
ID No.: BOILER1VNT			
Control Device ID No.: BOILER1	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8		
Pollutant: VOC	Main Standard: § 115.122(a)(2)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information			
ID No.: BOILER2VNT			
Control Device ID No.: BOILER 2	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-29		
Pollutant: VOC	Main Standard: § 115.122(a)(1)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			
Averaging Period: n/a			

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: BOILER2VNT		
Control Device ID No.: BOILER 2 Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater or equal to 44MW)		
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-9	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: BOILER3VNT		
Control Device ID No.: BOILER 3 Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greator equal to 44MW)		
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-28	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: BOILER3VNT		
Control Device ID No.: BOILER 3 Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater that or equal to 44MW)		
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-10		
Pollutant: VOC Main Standard: § 115.122(a)(2)		
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6101VNT		
Control Device ID No.: F6101	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-37	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6101VNT		
Control Device ID No.: F6101	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-18	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator. Daried of Operation		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6102VNT		
Control Device ID No.: F6102	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-27	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6102VNT		
Control Device ID No.: F6102	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-14	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator: Deried of Operation		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6103VNT		
Control Device ID No.: F6103	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-35	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6103VNT		
Control Device ID No.: F6103	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-17	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
L II 4 D 1 L 4 O 4		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6104VNT		
Control Device ID No.: F6104	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-41	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6104VNT		
Control Device ID No.: F6104	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F6105VNT		
Control Device ID No.: F6105	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-33	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
L II 4 D 1 L 4 O 4		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F64170VNT		
Control Device ID No.: F64170	Control Device Type: Catalytic Incinerator	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-25	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
Indicator: Bed Inlet Temperature		
Minimum Frequency: 4 per hour		

Averaging Period: hourly

Deviation Limit: Operating below the minimum limit established during the most recent performance test shall be considered and reported as a deviation.

Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum inlet and outlet gas temperature across the catalyst bed of a catalytic incinerator. These minimum temperatures must be maintained in order for the proper destruction efficiency. Operation below the minimum temperatures will result in incomplete combustion and a loss in the VOC destruction efficiency of the catalytic incinerator. Monitoring the catalyst bed inlet and outlet temperature is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts DD, EE and HH; and 30 TAC Chapter 115.

Unit/Group/Process Information		
ID No.: F64170VNT		
Control Device ID No.: F64170	Control Device Type: Catalytic Incinerator	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator: Bed Inlet Temperature		
Minimum Frequency: 4 per hour		
Averaging Period: hourly		
Deviation Limit: Operating below the minimum limit established during the most recent performance test shall be considered and reported as a deviation.		
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations,		

Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum inlet and outlet gas temperature across the catalyst bed of a catalytic incinerator. These minimum temperatures must be maintained in order for the proper destruction efficiency. Operation below the minimum temperatures will result in incomplete combustion and a loss in the VOC destruction efficiency of the catalytic incinerator. Monitoring the catalyst bed inlet and outlet temperature is commonly required in federal and state rules, including: 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts DD, EE and HH; and 30 TAC Chapter 115.

Unit/Group/Process Information		
ID No.: F65630VNT		
Control Device ID No.: F65630	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-26	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F65630VNT		
Control Device ID No.: F65630	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-11	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information	
ID No.: F67800VNT	
Control Device ID No.: F67800	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-32
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information	
ID No.: F96800VNT	
Control Device ID No.: F96800	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-31
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F96800VNT		
Control Device ID No.: F96800	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-15	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
L II 4 D 1 L 4 O 4		

Minimum Frequency: n/a

Averaging Period: n/a

Deviation Limit: All periods of operation that are not recorded.

Unit/Group/Process Information		
ID No.: F97950VNT		
Control Device ID No.: F97950	Control Device Type: Catalytic Incinerator	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-23	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
Indicator: Bed Inlet Temperature		
Minimum Frequency: 4 per hour		

Averaging Period: hourly

Deviation Limit: Operating below the minimum limit established during the most recent performance test shall be considered and reported as a deviation.

Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum inlet and outlet gas temperature across the catalyst bed of a catalytic incinerator. These minimum temperatures must be maintained in order for the proper destruction efficiency. Operation below the minimum temperatures will result in incomplete combustion and a loss in the VOC destruction efficiency of the catalytic incinerator. Monitoring the catalyst bed inlet and outlet temperature is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts DD, EE and HH; and 30 TAC Chapter 115.

Unit/Group/Process Information		
ID No.: F97950VNT		
Control Device ID No.: F97950	Control Device Type: Catalytic Incinerator	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator: Bed Inlet Temperature		
Minimum Frequency: 4 per hour		
Averaging Period: hourly		
Deviation Limit: Operating below the minimum limit established during the most recent performance test		
shall be considered and reported as a deviation.		
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations,		

Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum inlet and outlet gas temperature across the catalyst bed of a catalytic incinerator. These minimum temperatures must be maintained in order for the proper destruction efficiency. Operation below the minimum temperatures will result in incomplete combustion and a loss in the VOC destruction efficiency of the catalytic incinerator. Monitoring the catalyst bed inlet and outlet temperature is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts DD, EE and HH; and 30 TAC Chapter 115.

Unit/Group/Process Information		
ID No.: FL60731VNT		
Control Device ID No.: FL60731	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-24	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras.		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Unit/Group/Process Information		
ID No.: FL60731VNT		
Control Device ID No.: FL60731	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-7	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

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Unit/Group/Process Information		
ID No.: FL60731VNT		
Control Device ID No.: FL60730	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-1	
Pollutant: Highly Reactive VOC	Main Standard: § 115.722(c)(1)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Unit/Group/Process Information	
ID No.: FL6103VNT	
Control Device ID No.: FL6103	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5212-2
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: If visible emissions are observed the r	permit holder shall either report a deviation or determine visible

Deviation Limit: If visible emissions are observed the permit holder shall either report a deviation or determine visible emissions consistent with Test Method 22 or Test Method 9.

Basis of CAM: It is widely practiced and accepted to monitor flares for visible emissions by closed circuit cameras and visual inspection. Visible emissions observations indicate that the flare is not efficiently combusting the emissions or there is incomplete combustion. Visible emissions can indicate an improper inlet flow rate or net heating value of the emissions routed to the flare. Monitoring visible emissions is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart A; 30 TAC Chapter 111; and 30 TAC Chapter 115. This procedure is consistent with the EPA "CAM Technical Document" (August 1998) which provides an example of using "EPA Test Method 22-like" procedures for determining visible emissions.

Unit/Group/Process Information	
ID No.: FL6103VNT	
Control Device ID No.: FL6103	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(a)(2)
Monitoring Information	
Indicator: Visible Emissions	

Minimum Frequency: once per day

Averaging Period: n/a

Deviation Limit: If visible emissions are observed the permit holder shall either report a deviation or determine visible emissions consistent with Test Method 22 or Test Method 9.

Basis of CAM: It is widely practiced and accepted to monitor flares for visible emissions by closed circuit cameras and visual inspection. Visible emissions observations indicate that the flare is not efficiently combusting the emissions or there is incomplete combustion. Visible emissions can indicate an improper inlet flow rate or net heating value of the emissions routed to the flare. Monitoring visible emissions is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart A; 30 TAC Chapter 111; and 30 TAC Chapter 115. This procedure is consistent with the EPA "CAM Technical Document" (August 1998) which provides an example of using "EPA Test Method 22-like" procedures for determining visible emissions.

Unit/Group/Process Information		
ID No.: FL6104VNT		
Control Device ID No.: FL6104	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-40	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
A consist David Lords		

Averaging Period: n/a

Deviation Limit: Loss of pilot flame.

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Unit/Group/Process Information		
ID No.: FL6104VNT		
Control Device ID No.: FL6104	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-5	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras,		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Unit/Group/Process Information		
ID No.: FL6104VNT		
Control Device ID No.: FL6104	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-1	
Pollutant: Highly Reactive VOC	Main Standard: § 115.722(c)(1)	
Monitoring Information	·	
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

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Unit/Group/Process Information		
ID No.: FL6105VNT		
Control Device ID No.: FL6105	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-39	
Pollutant: VOC	Main Standard: § 115.122(a)(1)	
Monitoring Information		
Indicator: Visible Emissions		

Minimum Frequency: once per day

Averaging Period: n/a

Deviation Limit: If visible emissions are observed the permit holder shall either report a deviation or determine visible emissions consistent with Test Method 22 or Test Method 9.

Basis of CAM: It is widely practiced and accepted to monitor flares for visible emissions by closed circuit cameras and visual inspection. Visible emissions observations indicate that the flare is not efficiently combusting the emissions or there is incomplete combustion. Visible emissions can indicate an improper inlet flow rate or net heating value of the emissions routed to the flare. Monitoring visible emissions is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart A; 30 TAC Chapter 111; and 30 TAC Chapter 115. This procedure is consistent with the EPA "CAM Technical Document" (August 1998) which provides an example of using "EPA Test Method 22-like" procedures for determining visible emissions.

Unit/Group/Process Information			
ID No.: FL68491VNT			
Control Device ID No.: FL68491	Control Device Type: Flare		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-38		
Pollutant: VOC	Main Standard: § 115.122(a)(1)		
Monitoring Information			
Indicator: Pilot Flame			
Minimum Frequency: Continuous			
Averaging Deriods n/o			

Averaging Period: n/a

Deviation Limit: Loss of pilot flame.

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Unit/Group/Process Information		
ID No.: FL68491VNT		
Control Device ID No.: FL68491	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4	
Pollutant: VOC	Main Standard: § 115.122(a)(2)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras,		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Unit/Group/Process Information		
ID No.: FL68491VNT		
Control Device ID No.: FL68491	Control Device Type: Flare	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-1	
Pollutant: Highly Reactive VOC	Main Standard: § 115.722(c)(1)	
Monitoring Information		
Indicator: Pilot Flame		
Minimum Frequency: Continuous		
Averaging Period: n/a		
Deviation Limit: Loss of pilot flame.		
Racis of CAM: It is widely practiced and accorded to monitor the flare pilot flame by closed circuit cameras		

Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.

Periodic Monitoring:

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit

must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information		
ID No.: D40001		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-1	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Structural Integrity of the Pipe		
Minimum Frequency: Emptied and degassed		
Averaging Period: n/a		
Deviation Limit: Fill pipe not integral and not repaired before refill.		
Basis of monitoring: The periodic monitoring option provided for emission of the periodic monitoring option	units using a submerged fill pipe is location of the submerged fill	

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: D40001		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-1	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Liquid Level		
Minimum Frequency: Once per day		
Averaging Period: n/a		
Deviation Limit: Fill pipe not submerged in liquid.		
Basis of monitoring:		

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: D68819A		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-4	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Deviation Limit: Leak > 500 ppmv not repaired in accordance with NSPS VV

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: D68819A		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-4	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

Basis of monitoring:

Unit/Group/Process Information		
ID No.: D68819B		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-7	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information	·	
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information	
ID No.: D68819B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-7
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Failure to complete visual inspection	

Basis of monitoring:

Unit/Group/Process Information		
ID No.: D68820		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-10	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information	·	
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information	
ID No.: D68820	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-10
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Failure to complete visual inspection	

Basis of monitoring:

Unit/Group/Process Information	
ID No.: D68846	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-13
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	

Deviation Limit: Leak > 500 ppmv not repaired in accordance with NSPS VV

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information	
ID No.: D68846	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-13
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Failure to complete visual inspection	

Basis of monitoring:

Unit/Group/Process Information		
ID No.: D68860		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-16	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information	
ID No.: D68860	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-16
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Failure to complete visual inspection	

Basis of monitoring:

Unit/Group/Process Information		
ID No.: D68870		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-19	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: D68870		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-19	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information	·	
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

Basis of monitoring:

Unit/Group/Process Information		
ID No.: EBOILER		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-6	
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)	
Monitoring Information		
Indicator: Visible Emissions		

Minimum Frequency: Once per week

Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.

Basis of monitoring:

The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.

Unit/Group/Process Information		
ID No.: GRPBOILER		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-2	
Pollutant: PM	Main Standard: § 60.42(a)(1)	
Monitoring Information		
Indicator: Visible Emissions		
Minimum Frequency: Once per week		

Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 20% opacity.

Basis of monitoring:

The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.

Unit/Group/Process Information		
ID No.: GRPBOILER		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-4	
Pollutant: PM	Main Standard: § 60.42(a)(1)	
Monitoring Information		
Indicator: Visible Emissions		
Minimum Frequency: Once per week		

Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 20% opacity.

Basis of monitoring:

The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.

Unit/Group/Process Information		
ID No.: GRPTKCVSA		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-33	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: GRPTKCVSA		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-33	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

Basis of monitoring:

Unit/Group/Process Information		
ID No.: GRPTKCVSA		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-34	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		

Deviation Limit: Leak > 500 ppmv not repaired in accordance with NSPS VV

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: GRPTKCVSA		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-34	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		
Basis of monitoring:		

Unit/Group/Process Information		
ID No.: GRPTKCVSB		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-47	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information	·	
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information	
ID No.: GRPTKCVSB	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-47
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Failure to complete visual inspection	

Basis of monitoring:

Unit/Group/Process Information		
ID No.: GRPTKCVSB		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-49	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: GRPTKCVSB		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement	·	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-49	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

Basis of monitoring:

Unit/Group/Process Information		
ID No.: TK40002		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement	·	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-12	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information	·	
Indicator: Structural Integrity of the Pipe		
Minimum Frequency: Emptied and degassed		
Averaging Period: n/a		
Deviation Limit: Fill pipe not integral and not repaired I	before refill.	

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: TK40002		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-12	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Liquid Level		
Minimum Frequency: Once per day		
Averaging Period: n/a		
Deviation Limit: Fill pipe not submerged in liquid.		
Basis of monitoring:		

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: TK57723A		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-13	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Structural Integrity of the Pipe		
Minimum Frequency: Emptied and degassed		
Averaging Period: n/a		

Deviation Limit: Repairs are not completed prior to refilling the storage vessel.

Basis of monitoring:

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information	
ID No.: TK57723A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-13
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	3
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to maintain records of tank co	onstruction specifications for submerged fill pipe.
Basis of monitoring:	

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: TK57723B		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-14	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Structural Integrity of the Pipe		
Minimum Frequency: Emptied and degassed		
Averaging Period: n/a		

Deviation Limit: Repairs are not completed prior to refilling the storage vessel.

Basis of monitoring:

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: TK57723B		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5121-14	
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Record of Tank Construction Specifications		
Minimum Frequency: n/a		
Averaging Period: n/a		
Deviation Limit: Failure to maintain records of tank construction specifications for submerged fill pipe.		
Basis of monitoring:		

The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.

Unit/Group/Process Information		
ID No.: TK5909		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-22	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		

Deviation Limit: Leak > 500 ppmv not repaired in accordance with NSPS VV

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: TK5909		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-22	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspec	tion	
Basis of monitoring:		

Unit/Group/Process Information		
ID No.: TK6077		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-57	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: TK6077		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-57	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

Basis of monitoring:

Unit/Group/Process Information		
ID No.: TK6077		
Control Device ID No.: F6101	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-58	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: Combustion Temperature		
Minimum Frequency: Weekly		
Averaging Period: NA		
Deviation Limit: Combustion Temperature below temperature established during the latest performance test.		
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for boilers/process heaters. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum		

temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of combustion temperature of a boiler/process heater is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, DD, and HH; and 30 TAC Chapter 115.

Unit/Group/Process Information		
ID No.: TK6077		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-58	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Leak > 500 ppmv not repaired in	n accordance with NSPS VV	
Basis of monitoring:		

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: TK6077		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-58	
Pollutant: VOC	Main Standard: § 60.112b(b)(1)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.

Unit/Group/Process Information		
ID No.: TK68407		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-25	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Leak > 500 ppmv not repaired in accordance with NSPS VV		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: TK68407		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-25	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.

Unit/Group/Process Information		
ID No.: TK68492		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-29	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: VOC Concentration		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Leak > 500 ppmv not repaired in accordance with NSPS VV		

Basis of monitoring:

It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.

Unit/Group/Process Information		
ID No.: TK68492		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-29	
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)	
Monitoring Information		
Indicator: Visual Inspection		
Minimum Frequency: Once per year		
Averaging Period: n/a		
Deviation Limit: Failure to complete visual inspection		

Obtaining Permit Documents

The New Source Review Authorization References table in the FOP specifies all NSR authorizations that apply at the permit area covered by the FOP. Individual NSR permitting files are located in the TCEQ Central File Room (TCEQ Main Campus located at 12100 Park 35 Circle, Austin, Texas, 78753, Building E, Room 103). They can also be obtained electronically from TCEQ's Central File Room Online (https://www.tceq.texas.gov/goto/cfr-online). Guidance documents that describe how to search electronic records, including Permits by Rule (PBRs) or NSR permits incorporated by reference into an FOP, archived in the Central File Room server are available at https://www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

All current PBRs are contained in Chapter 106 and can be viewed at the following website:

https://www.tceq.texas.gov/permitting/air/permitbyrule/air_pbr_index.html

Previous versions of 30 TAC Chapter 106 PBRs may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical rules/old106list/index106.html

Historical Standard Exemption lists may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Additional information concerning PBRs is available on the TCEQ website:

https://www.tceg.texas.gov/permitting/air/nav/air pbr.html

Compliance Review

- 1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on May 29, 2015.

 Site rating: 2.45 / Satisfactory Company rating: 1.44 / Satisfactory (High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)
- 2. Has the permit changed on the basis of the compliance history or site/company rating?......No

Permit reviewer notes:

Site/Permit Area Compliance Status Review

- Were there any out-of-compliance units listed on Form OP-ACPS?

 Is a compliance plan and schedule included in the permit?

 No

Available Unit Attribute Forms

- OP-UA1 Miscellaneous and Generic Unit Attributes
- OP-UA2 Stationary Reciprocating Internal Combustion Engine Attributes
- OP-UA3 Storage Tank/Vessel Attributes
- OP-UA4 Loading/Unloading Operations Attributes
- OP-UA5 Process Heater/Furnace Attributes
- OP-UA6 Boiler/Steam Generator/Steam Generating Unit Attributes
- OP-UA7 Flare Attributes
- OP-UA8 Coal Preparation Plant Attributes
- OP-UA9 Nonmetallic Mineral Process Plant Attributes
- OP-UA10 Gas Sweetening/Sulfur Recovery Unit Attributes
- OP-UA11 Stationary Turbine Attributes
- OP-UA12 Fugitive Emission Unit Attributes
- OP-UA13 Industrial Process Cooling Tower Attributes
- OP-UA14 Water Separator Attributes
- OP-UA15 Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
- OP-UA16 Solvent Degreasing Machine Attributes

- OP-UA17 Distillation Unit Attributes
- **OP-UA18 Surface Coating Operations Attributes**
- OP-UA19 Wastewater Unit Attributes
- OP-UA20 Asphalt Operations Attributes
- OP-UA21 Grain Elevator Attributes
- OP-UA22 Printing Attributes
- OP-UA24 Wool Fiberglass Insulation Manufacturing Plant Attributes
- OP-UA25 Synthetic Fiber Production Attributes
- OP-UA26 Electroplating and Anodizing Unit Attributes
- OP-UA27 Nitric Acid Manufacturing Attributes
- OP-UA28 Polymer Manufacturing Attributes
- OP-UA29 Glass Manufacturing Unit Attributes
- OP-UA30 Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
- OP-UA31 Lead Smelting Attributes
- OP-UA32 Copper and Zinc Smelting/Brass and Bronze Production Attributes
- OP-UA33 Metallic Mineral Processing Plant Attributes
- OP-UA34 Pharmaceutical Manufacturing
- OP-UA35 Incinerator Attributes
- OP-UA36 Steel Plant Unit Attributes
- OP-UA37 Basic Oxygen Process Furnace Unit Attributes
- OP-UA38 Lead-Acid Battery Manufacturing Plant Attributes
- OP-UA39 Sterilization Source Attributes
- OP-UA40 Ferroalloy Production Facility Attributes
- OP-UA41 Dry Cleaning Facility Attributes
- OP-UA42 Phosphate Fertilizer Manufacturing Attributes
- OP-UA43 Sulfuric Acid Production Attributes
- OP-UA44 Municipal Solid Waste Landfill/Waste Disposal Site Attributes
- OP-UA45 Surface Impoundment Attributes
- OP-UA46 Epoxy Resins and Non-Nylon Polyamides Production Attributes
- OP-UA47 Ship Building and Ship Repair Unit Attributes
- OP-UA48 Air Oxidation Unit Process Attributes
- OP-UA49 Vacuum-Producing System Attributes
- OP-UA50 Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
- OP-UA51 Dryer/Kiln/Oven Attributes
- OP-UA52 Closed Vent Systems and Control Devices
- OP-UA53 Beryllium Processing Attributes
- OP-UA54 Mercury Chlor-Alkali Cell Attributes
- OP-UA55 Transfer System Attributes
- OP-UA56 Vinyl Chloride Process Attributes
- OP-UA57 Cleaning/Depainting Operation Attributes
- OP-UA58 Treatment Process Attributes
- OP-UA59 Coke By-Product Recovery Plant Attributes
- OP-UA60 Chemical Manufacturing Process Unit Attributes
- OP-UA61 Pulp, Paper, or Paperboard Producing Process Attributes
- OP-UA62 Glycol Dehydration Unit Attributes
- OP-UA63 Vegetable Oil Production Attributes